Appl. No.

10/785,446

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AMENDMENTS TO THE SPECIFICATION

Please amend Paragraph [0010] of the specification as follows:

[0010] The AA₁RA used in the pharmaceutical compositions or methods disclosed herein may be a xanthine-derivative compound. The xanthine-derivative compound may be a compound of Formula I or a pharmaceutically acceptable salt thereof,

$$(I) \qquad \underbrace{\begin{array}{c} X_2 \\ R_1 \\ X_1 \end{array} \begin{array}{c} R_3 \\ N \\ R_2 \end{array}}_{N} \qquad \underbrace{\begin{array}{c} X_2 \\ R_3 \\ X_1 \\ N \\ R_2 \end{array} \begin{array}{c} R_3 \\ N \\ N \\ N \end{array}}_{N} Q$$

where

each of X_1 and X_2 independently represents oxygen or sulfur;

Q represents:

$$-Y = \begin{pmatrix} (CH_2)_n \\ -Y = \begin{pmatrix} (CH_2)_n \\ R_5 \end{pmatrix}, \text{ or } \begin{pmatrix} (CH_2)_n \\ -Y = (CH_2)_n \\ -Y = \begin{pmatrix} (CH_2)_n \\ -Y$$

where Y represents a single bond or alkylene having 1 to 4 carbon atoms, n represents 0 or 1;

each of R_1 and R_2 independently represents hydrogen, lower alkyl, allyl, propargyl, or hydroxy-substituted, oxo-substituted or unsubstituted lower alkyl, and R_3 represents hydrogen or lower alkyl, or

 R_4 and R_5 are the same or different and each represent hydrogen or hydroxy, and when both R_4 and R_5 are hydrogen, at least one of R_1 and R_2 is hydroxy-substituted or oxo-substituted lower alkyl,

provided that when Q is



then R₁, R₂ and R₃ are not simultaneously methyl.